

ABSTRACT

A robot arm 3 includes a base-side arm component 11, an intermediate arm component 12, and a tip-side arm component 13. The intermediate arm component 12 is divided at an axially intermediate position into a base-side part 20 and a tip-side part 21, which are connected so as not to be separated from each other in the arm axis direction but rotatable around the arm axis. The base-side part 20 fixedly contains a moving device 31 for axially moving a drive shaft. The tip-side part 21 fixedly contains a threaded member 32 meshed with a thread groove formed in the outer surface of the drive shaft. The drive shaft is axially moved while being meshed with the threaded member 32 so that the threaded member 32 rotates around the drive shaft. As a result, the tip-side part 21 rotates in the arm axis direction.